

Name: _____

ET_1021 version 5

Consider the *L*-system (and angle) defined below:

- Start: A

- Rules:

A > -B+B+B+B+B+B
B > B[--CCA] [-CCA]B
C > CC

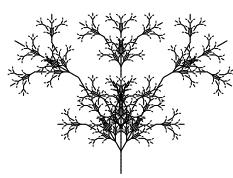
- Number of recursions (number of iterations): 5

- Angle: 60°

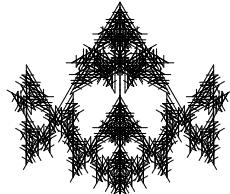
Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>

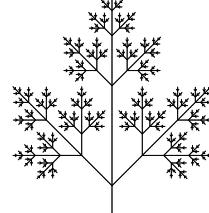
A



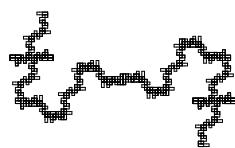
B



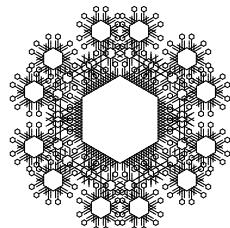
C



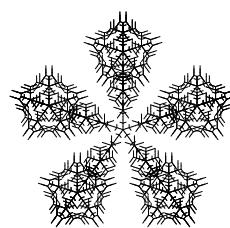
D



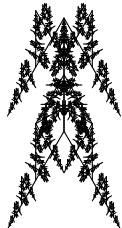
E



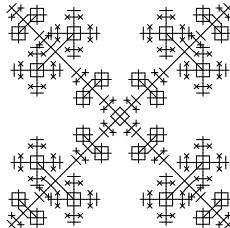
F



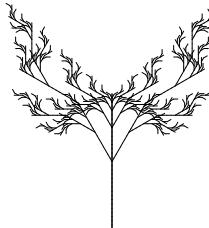
G



H



I



Which pattern is created?

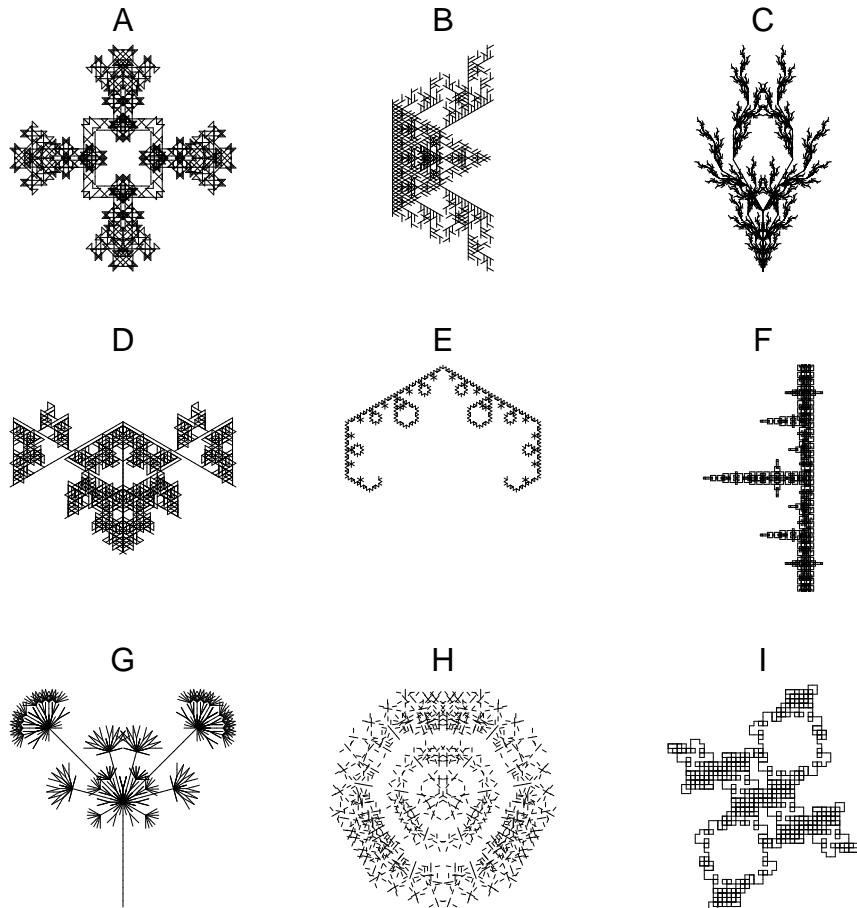
E

Consider the *L*-system (and angle) defined below:

- Start: AA
- Rules:
 - A > B-AA-B
 - B > AB+B+A
- Number of recursions (number of iterations): 5
- Angle: 90°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

I